

## SOME NEW SOUTH WALES PLANTS ILLUSTRATED.

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(Plate v.)

## No. v. ANGOPHORA SUBVELUTINA, F.v.M.

“A tree attaining a considerable size, with a rough persistent bark as in *A. intermedia*, of which *F. v. Mueller* now thinks it may be a variety. Foliage and young shoots glaucous or minutely pubescent, with often a few bristles on the flowering branches and inflorescence. Leaves sessile or nearly so, ovate or ovate-lanceolate, mostly acute, all (excepting rarely the upper ones) cordate at the base with rounded auricles as in *A. cordifolia*, 2 to 4 in. long, the veins numerous, but not usually so much so nor so fine as in *A. intermedia*. Flowers small, in loose corymbs, precisely as in *A. intermedia*. Fruiting calyxes 3 to 4 lines in diameter.” (B.Fl. iii. p. 184.)

The object in studying this species was to see if additional research would throw any further light on its relative position,—whether the examination of complete material would add anything in favour of its specific rank; or if it might prove to be only a variety of its congener *A. intermedia*, as surmised by Baron von Mueller and mentioned *en passant* by Bentham.

Of all the leaves examined, the shape and venation were in every case quite different from *A. intermedia*. The inflorescence seemed invariably pubescent, although Baron von Mueller's specimens were minutely so, while that of *A. intermedia* was found in the many specimens examined to be consistently glabrous.

Besides the points noted above, *A. subvelutina* differs from *A. intermedia* in having two forms of leaves—*sessile* cordate and *petiolate* ovate-lanceolate—and both occurring on the same tree, a characteristic feature not previously recorded, I believe.

The seed now depicted for the first time accords in every point with the generic description of Bentham.

*Localities.*—Richmond, Grose River, Booral; northward to Richmond River, southward to Twofold Bay.

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EXPLANATION OF PLATE V.

- Fig. 1.—Flowering specimen (nat. size).  
Fig. 2.—Section of flower (enlarged).  
Fig. 3.—Front and back views of a stamen (enlarged).  
Fig. 4.—Fruit capsule, also in section and showing valves (nat. size).  
Fig. 5.—Seed (nat. size).